INTERNATIONALSEARCHREPORT

International application No PCT/JP2005/014793

A	CLASSIFICATION	OF S	SUBJECT	MATTER

Int Cl 7 G03G15/08 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) Int Cl 7 G03G15/08 (2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model specifications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropπate, of the relevant passages		Relevant to claim No	
A	JP 2000-172060 A (RICOH COI 2000.06.23, claim l,paragrap (FAMILY:NONE)	1-2 6		
A	JP 2002-87591 A (RICOH COMI 2002.03.27, whole document	1-2 6		
A	JP 2002-341648 A (RICOH COM 2002.11.29, whole document	1-2 6		
O Further	r documents are listed in the continuation of Box C	f See patent family annex		
* Special categories of cited documents "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date and not in conflict with the application but cited understand the principle or theory underlying the invention "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve inventive step when the document is taken alone "Y" document of particular relevance, the claimed invention cannot be considered to involve inventive step when the document is taken alone "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document combined with one or more other such documents, such document published after the international filing date and not in conflict with the application but cited understand the principle or theory underlying the invention cannot be considered to involve an inventive step when the document or more other such documents, such documents, such document published after the international filing date and not in conflict with the application but cited understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document combined with one or more other such documents, such as the principle or theory underlying the invention cannot be considered novel or cannot be considered invention cannot be considered to involve an inventive step when the document combined with one or more other such documents, such as the principle or theory underlying the invention cannot be considered novel or cannot be considered invention cannot				
Date of the actual completion of the international search 31.10.2005		Date of mailing of the international search report 08.11.2005		
3-4-3, Kası	Japan Patent Office Japan Pat	Authorized officer Yasushi Miyazaki Telephone No +81-3-3581-1 101 I	2C 8 7 0 5	